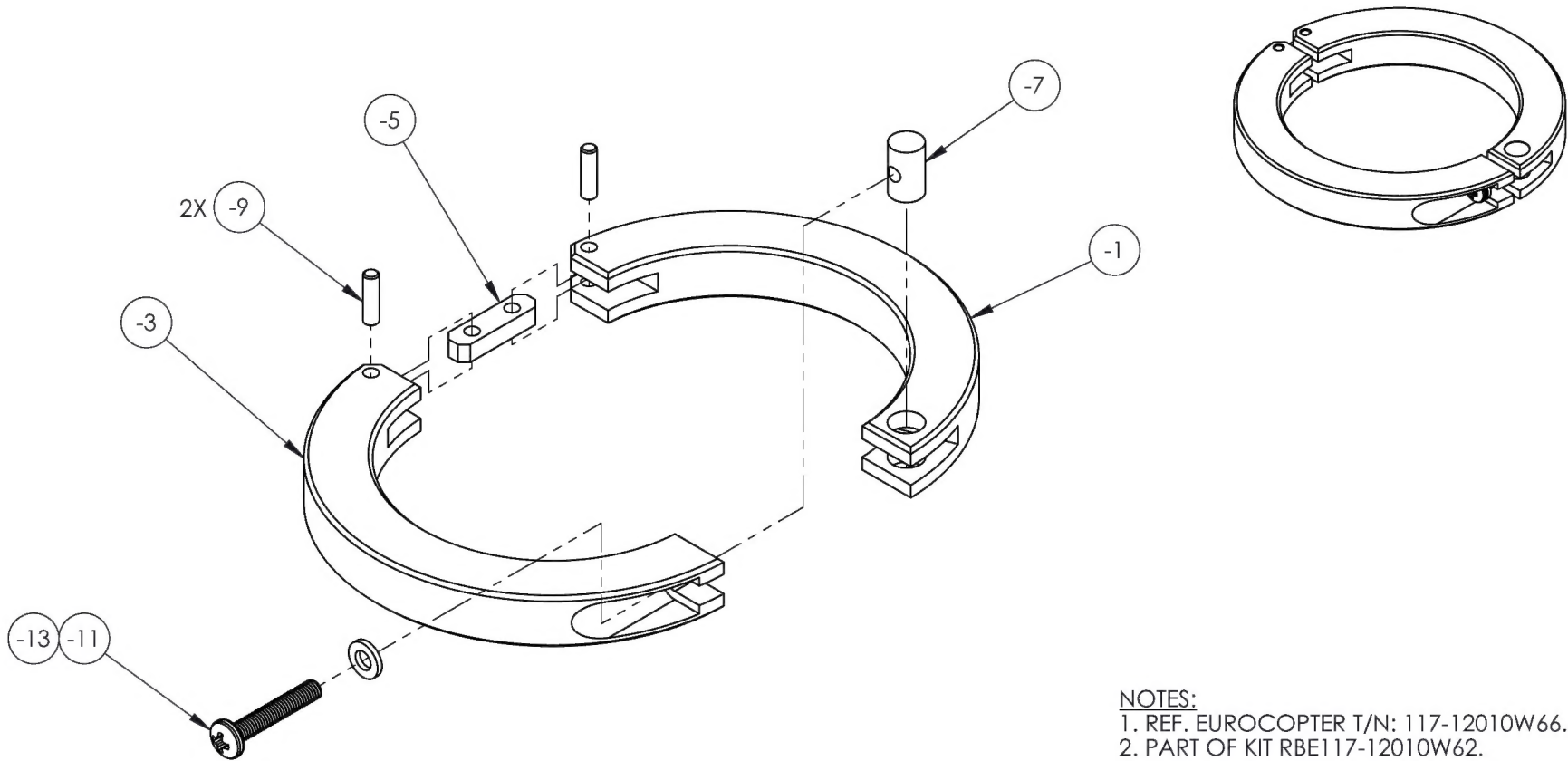


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		RELEASED FOR PRODUCTION	4/22/2016	SM	JAG



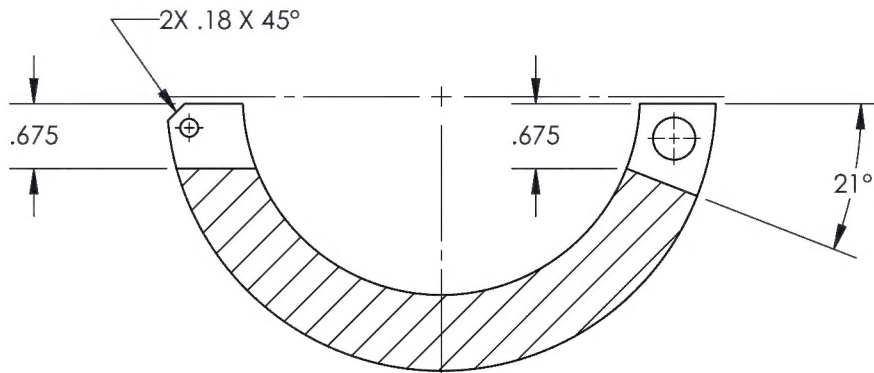
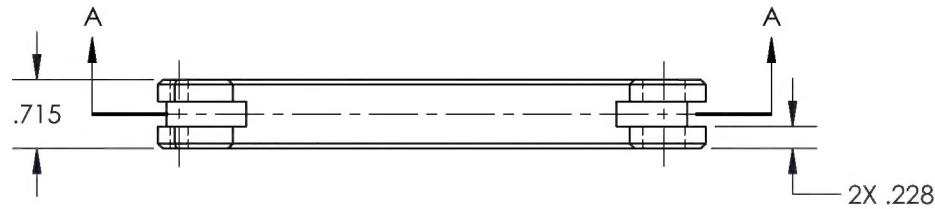
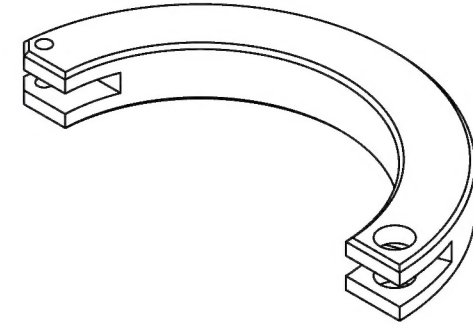
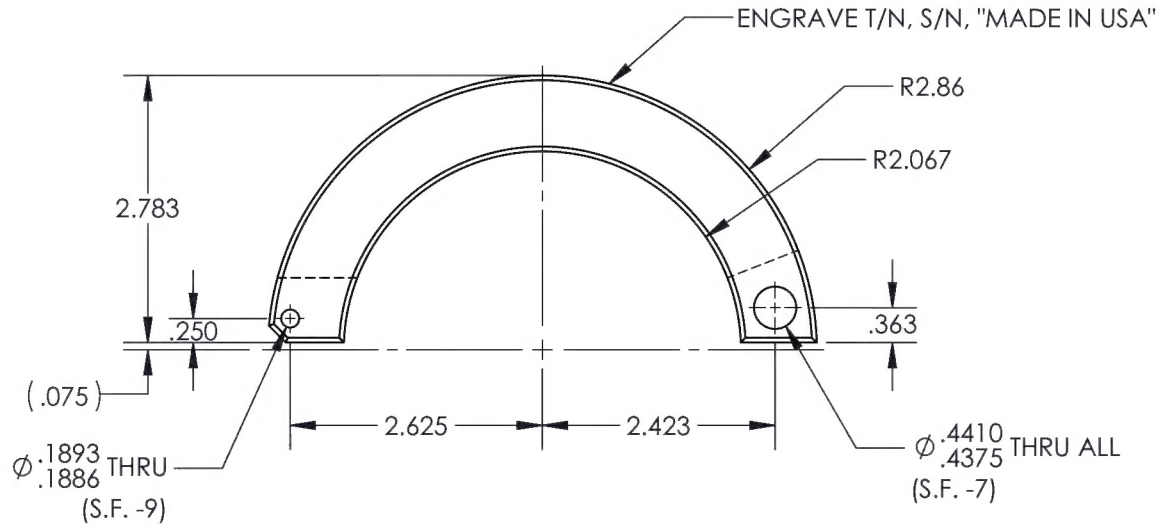
- NOTES:
1. REF. EUROCOPTER T/N: 117-12010W66.
2. PART OF KIT RBE117-12010W62.

DART AEROSPACE																							
TITLE GUARD																							
DWG NO. RBE117-12010W66	REV 1																						
<table border="1"> <tr> <td>MAT'L</td> <td>UNLESS OTHERWISE SPECIFIED</td> </tr> <tr> <td>HEAT TREAT</td> <td>DIMENSIONS ARE IN INCHES</td> </tr> <tr> <td>FINISH</td> <td>.XXX ± .005 FRACTIONS ± 1/8</td> </tr> <tr> <td></td> <td>.XX ± .01 ANGLES ± .5°</td> </tr> <tr> <td></td> <td>.X ± .1 SURFACES = 125°</td> </tr> <tr> <td>SPEC</td> <td>1. BREAK ALL SHARP EDGES .015 x 45° OR .015R</td> </tr> <tr> <td>DRAWN BY: MACKOVJAK</td> <td>2. DIMENSIONAL LIMITS APPLY AFTER PLATING</td> </tr> <tr> <td>CHECKED: CLOUGH</td> <td>3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009</td> </tr> <tr> <td>OPPS APPR: ANDERSON</td> <td>USED ON MODEL</td> </tr> <tr> <td>QA APPR: LINDSAY</td> <td>EC 145</td> </tr> <tr> <td>APPROVED: GILBERT</td> <td></td> </tr> </table>		MAT'L	UNLESS OTHERWISE SPECIFIED	HEAT TREAT	DIMENSIONS ARE IN INCHES	FINISH	.XXX ± .005 FRACTIONS ± 1/8		.XX ± .01 ANGLES ± .5°		.X ± .1 SURFACES = 125°	SPEC	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	DRAWN BY: MACKOVJAK	2. DIMENSIONAL LIMITS APPLY AFTER PLATING	CHECKED: CLOUGH	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	OPPS APPR: ANDERSON	USED ON MODEL	QA APPR: LINDSAY	EC 145	APPROVED: GILBERT	
MAT'L	UNLESS OTHERWISE SPECIFIED																						
HEAT TREAT	DIMENSIONS ARE IN INCHES																						
FINISH	.XXX ± .005 FRACTIONS ± 1/8																						
	.XX ± .01 ANGLES ± .5°																						
	.X ± .1 SURFACES = 125°																						
SPEC	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R																						
DRAWN BY: MACKOVJAK	2. DIMENSIONAL LIMITS APPLY AFTER PLATING																						
CHECKED: CLOUGH	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009																						
OPPS APPR: ANDERSON	USED ON MODEL																						
QA APPR: LINDSAY	EC 145																						
APPROVED: GILBERT																							
SCALE 1:2	DATE 2/23/2016																						
SHEET 1 OF 5																							

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			-1	1	RING 1	6061		2
			-3	1	RING 2	6061		3
			-5	1	RING LINK	1018/1020 CR		4
			-7	1	HINGE BLOCK	1018/1020 CR		5
		B/O	-9	2	DOWEL PIN	STEEL	Ø3/16 X 11/16 (MCMASTER-CARR # 98381A107)	1
		B/O	-11	1	MACHINE SCREW	S.S.	PHILLIPS M6 X 1 X 35MM (MCMASTER-CARR # 92000A439)	1
		B/O	-13	1	WASHER	S.S.	M6 (MCMASTER-CARR # 93475A250)	1

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REVISIONS			DATE	INITIAL	APPROVED
REV	ECR	DESCRIPTION			



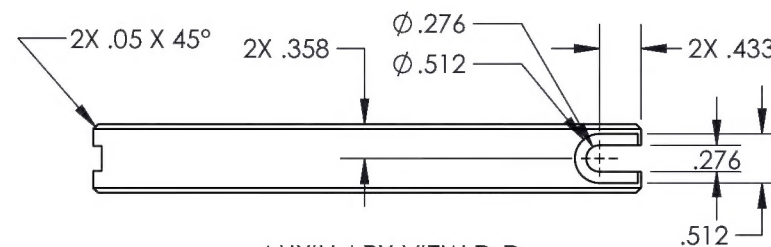
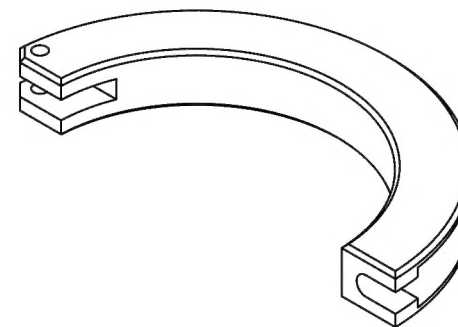
SECTION A-A

(-1)

RING 1


DART AEROSPACE	
TITLE GUARD	
DWG NO. RBE117-12010W66-1	REV 1
MAT'L 6061 HEAT TREAT FINISH CLEAR ANODIZE SPEC MIL-A-8625F, TYPE II, CLASS I DRAWN BY: MACKOVJAK CHECKED: CLOUGH OPPTS APPR: ANDERSON QA APPR: LINDSAY APPROVED: GILBERT	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± .5° .X ± .1 SURFACES = 125° 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
USED ON MODEL EC 145	
SCALE 1:2	DATE 2/23/2016
SHEET 2 OF 5	

REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED



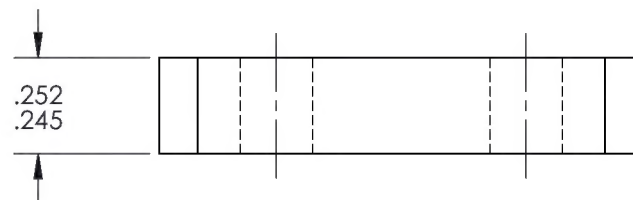
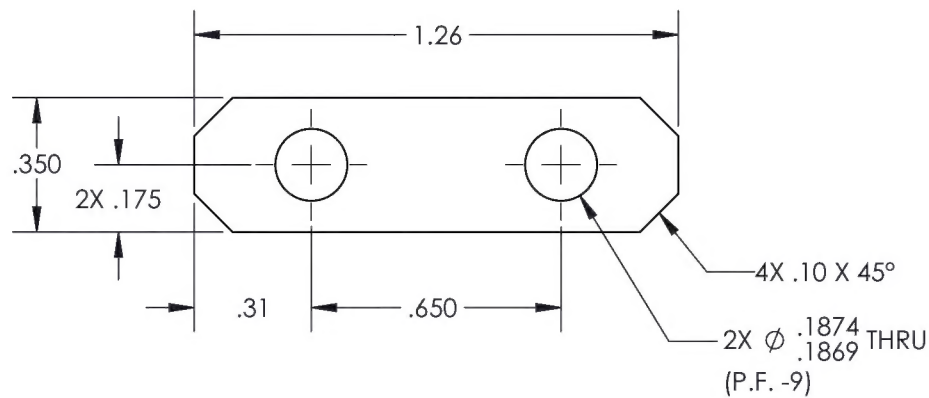
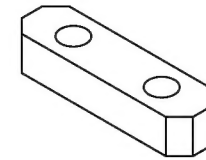
(-3)

RING 2

			
TITLE			
GUARD			
DWG NO.			REV
RBE117-12010W66-3			1
MAT'L 6061		UNLESS OTHERWISE SPECIFIED	
HEAT TREAT		DIMENSIONS ARE IN INCHES	
FINISH CLEAR ANODIZE		.XXX ± .005 FRACTIONS ± 1/8	
SPEC MIL-A-8625F, TYPE II, CLASS I		.XX ± .01 ANGLES ± 5°	
		.X ± .1 SURFACES = 125/√	
DRAWN BY: MACKOVJAK		1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
CHECKED: CLOUGH		2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
OPPS APPR: ANDERSON		3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
QA APPR: LINDSAY		USED ON MODEL	
APPROVED: GILBERT		EC 145	
SCALE	1:2	DATE	2/23/2016
		SHEET 3 OF 5	

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REVISIONS						
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED	



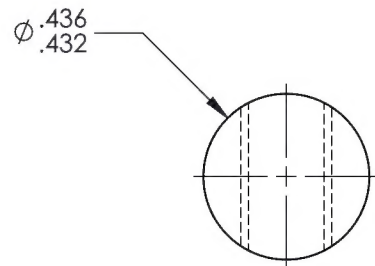
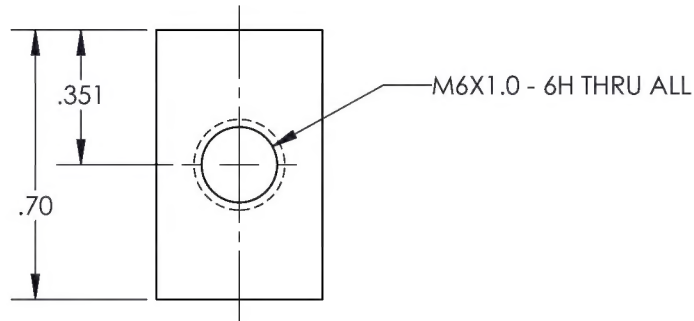
(-5)

RING LINK

DART AEROSPACE	
TITLE GUARD	
DWG NO. RBE117-12010W66-5	REV 1
MAT'L 1018/1020 CR	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH BLACK OXIDE	.XXX ± .005 FRACTIONS ± 1/8
SPEC QMSI-6.2.2 REV D	.XX ± .01 ANGLES ± .5°
DRAWN BY: MACKOVJAK	.X ± .1 SURFACES = 125°
CHECKED: CLOUGH	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
SCALE 2:1	DATE 2/23/2016
SHEET 4 OF 5	

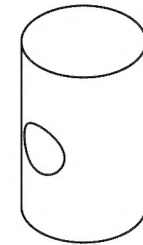
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REVISIONS			
REV	ECR	DESCRIPTION	DATE
			INITIAL
			APPROVED



(-7)

HINGE BLOCK



DART AEROSPACE	
TITLE GUARD	
DWG NO. RBE117-12010W66-7	REV 1
MAT'L 1018/1020 CR	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH BLACK OXIDE	.XXX \pm .005 FRACTIONS \pm 1/8
SPEC QMSI-6.2.2 REV D	.XX \pm .01 ANGLES \pm .5°
DRAWN BY: MACKOVJAK	.X \pm .1 SURFACES = 125°
CHECKED: CLOUGH	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
SCALE 2:1	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DATE 2/23/2016	USED ON MODEL
SHEET 5 OF 5	EC 145